

REMARKS

Claims 29 and 34-41 are pending in this application. By this Response, claims 29 and 34 are amended. Reconsideration and allowance based on the above amendments and following remarks are respectfully requested.

The Office Action rejects claims 29 and 34 under 35 U.S.C. §102(b) as being anticipated by Ross, et al. (U.S. Patent No. 5,859,628) and claims 35-37 and 39-41 under 35 U.S.C. §103(a) as being unpatentable over Ross. These rejections are respectfully traversed.

Ross teaches a personal onboard information system. The system includes a portable personal computer such as a personal digital assistant (PDA) and a cradle for detachably receiving the PDA. The cradle receives power directly from a 12 volt DC input and is used to recharge the PDA. See Fig. 1, column 3, lines 24-30. The cradle is not connected to any other peripheral device.

In contrast, embodiments of the present invention provide a charging circuit that is connected via a power line which is part of a communication channel connecting the charging circuit to a communication apparatus. The charging unit is used to charge various types of portable devices, i.e., camera, PDA, etc. The charging unit receives power and information via the communication channel.

The charging circuit is not directly connected to a power source as taught by Ross. In fact, without being connected to the peripheral devices, i.e., communication apparatus, personal computer, via the communications channel,

power would not be supplied to the charging unit. The use of a communication channel along with a communication apparatus is part of the overall system of applicant's claimed embodiment. Ross fails to teach these features. Ross's system includes the cradle for the sole purpose of recharging the portable device and mounting the portable device within the vehicle. The power supply of the portable device is directly received from a 12 volt power supply.

Thus, Ross fails to teach or suggest, inter alia, a communication apparatus performing data communication via a communication channel, said communication channel being used to make the connection between said charging apparatus and said communication apparatus, said communication channel including a communication line for data communication and a power supply line for supplying electric power and said charging apparatus comprising a charging circuit for applying electric power, with which it is supplied through said power supply line via said communication channel, as recited in claim 29.

Also, Ross fails to teach or suggest, inter alia, a communication apparatus, which is capable of performing data communication via a communication channel, and using said communication channel to make a connection, wherein said communication channel includes a communication line for data communication and a power supply line for supplying electric power and applying electric power, supplied through said power supply line via said communication channel, to a connector of a data processing unit, as recited in claim 34.

Applicant respectfully submits, in view of the above, that each and every feature of applicant's independent claims are not taught by Ross. Accordingly, reconsideration and withdrawal of the rejections are respectfully requested.

Conclusion

For at least these reasons, it is respectfully submitted that claims 29 and 34-41 are distinguishable over the cited reference. Favorable consideration and prompt allowance are earnestly solicited.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Chad J. Billings (Reg. No. 48,917) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment(s)